APM2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	APM2, Polyclonal Antibody
Full Product Name	APM2 rabbit pAb
Product Gene Name	anti-APM2 antibody
Product Synonym Gene Name	C10orf116
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Preparation and Storage	Store at -20 degree C for ~1 year
Molecular Weight	7855 Da
Chromosome Location	Chromosome: 10; NC_000010.10 (88728188..88730666). Location: 10q23.2
3D Structure	ModBase 3D Structure for Q15847
Product Categories/Family for anti-APM2 antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-APM2 antibody	Immunohistochemistry-Paraffin (IHC-P)
Application Notes for anti-APM2 antibody	IHC-P: 1:50-200
Related Product Information for anti-APM2 antibody	APM2 gene is exclusively expressed in adipose tissue. Its function is currently unknown. [provided by RefSeq, Jul 2008]
Other Notes	Small volumes of anti-APM2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for APM2 purchase	MBS8598719 is an antibody targeting APM2. Also known as APM2 rabbit pAb. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for APM2. It may not necessarily be applicable to this product.

NCBI GI #	5802976
NCBI GeneID	10974
NCBI Accession #	NP_006820.1
UniProt Primary Accession #	Q15847
UniProt Related Accession #	Q15847

GenBank Nucleotide #	NM_006829.2
NCBI Official Full Name	adipogenesis regulatory factor
NCBI Official Synonym Full Names	adipogenesis regulatory factor
NCBI Official Symbol	ADIRF
NCBI Official Synonym Symbols	AFRO; APM2; apM-2; C10orf116; RP11-96C23.4
UniProt Protein Name	Adipogenesis regulatory factor
UniProt Synonym Protein Names	Adipogenesis factor rich in obesity; Adipose most abundant gene transcript 2 protein; Adipose-specific protein 2
Protein Family	Adaptin
UniProt Gene Name	ADIRF
UniProt Synonym Gene Names	AFRO; APM2; C10orf116; apM-2
UniProt Entry Name	ADIRF_HUMAN
NCBI Protein Information	adipogenesis regulatory factor; adipose specific 2; adipose-specific protein 2; adipogenesis factor rich in obesity; adipose most abundant gene transcript 2 protein
UniProt Comments for APM2	Function: Plays a role in fat cell development; promotes adipogenic differentiation and stimulates transcription initiation of master adipogenesis factors like PPARG and CEBPA at early stages of preadipocyte differentiation. Its overexpression confers resistance to the anticancer chemotherapeutic drug cisplatin. Ref.6 Ref.7 Subcellular location: Nucleus Ref.7. Tissue specificity: Expressed in adipose tissue (at protein level). Highly expressed in omental and subcutaneous adipose tissues. Expressed in heart, cornea, liver, kidney and spleen. Ref.4 Ref.7 Induction: Up-regulated during pre-adipocyte differentiation. Up-regulated following DNA damage induced by UV irradiation. Ref.6 Ref.7
Research Articles on APM2	**1.** Overexpression of APM2 promote cisplatin resistance in cancer.
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